

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004432

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01C1/02 G12B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01C G12B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 076 266 A (BECKINGHAM MICHAEL ET AL) 20 June 2000 (2000-06-20) cited in the application column 5, line 9 - column 7, line 39; figures 11-13	1
A	DE 196 15 515 C (LEICA AG) 13 March 1997 (1997-03-13) cited in the application abstract	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

16 August 2004

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23/08/2004

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Information on patent family members

International Application No

PCT/EP2004/004432

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 6076266	A	20-06-2000	US	5887353 A	30-03-1999
			US	5689892 A	25-11-1997
DE 19615515	C	13-03-1997	DE	19615515 C1	13-03-1997
			DE	59706152 D1	14-03-2002
			EP	0802395 A2	22-10-1997
			JP	10047953 A	20-02-1998
			US	5987763 A	23-11-1999